

# LIFTING TECHNOLOGY PIT WHEEL-FREE JACK

**MPL 3.5**  
VP 250142



## MPL 3.5 VP 250142

The pit wheel-free jack MPL 3.5, for flush-floor installation over a pit, lifts vehicles of up to 3.5 t. The support plates have a traversable axle load of up to 10 t. The pit wheel-free jack also has a generous 450 mm lifting height from floor level and guarantees comfortable operation with an adjustable support plate length of 1500 - 2000 mm.

### PRODUCT DETAILS/ACCESSORIES

#### Description:

- Flush-floor installation over pit, no mechanical connection between both scissors units
- Traversable axle load: 10 t, ideal for installation in HGV pits
- Automatic levelling in fully lowered position
- Drive-on clearance light on control desk indicating platform is fully lowered
- In-ground pit installed as permanent formwork, supplied separately (in advance)
- Load capacity 3.5 t
- Generous lifting height: 450 mm (from floor level)
- Generous support plate extension from 1500 mm to 2000 mm
- Generous width of support plates
- Brief lifting and lowering time 9 s/9 s
- High degree of safety with 2 cylinders on each scissor side (double master-slave system)
- Cylinders positioned on outer scissors, ensuring high lateral stability
- No air supply required
- Space-saving upright control desk
- Additional operating unit for pit installation, with selector switch and emergency stop switch

- Manual lowering mechanism included, easily and safely operable from control desk
- Crushing and shearing protection due to CE stop
- Varnished with high-quality powder coating:
  - Anthracite Grey, RAL 7016 (Support Plates, Base frame, Scissors)
  - Window Grey, RAL 7040 (Control Desk)

#### Standard delivery:

- Pit Wheel-Free Jack MPL 3.5 Model
- Operation desk with control and hydraulic unit
- Additional operating unit for pit installation
- Hydraulic hoses and pipes for pit installation: max. distance platform - unit 2 m
- Operating manual and test log
- EC CE declaration of conformity
- Transport packaging

#### CAUTION:

Only in conjunction with foundation pit VZ 972375  
SUPPLIED SEPARATELY (IN ADVANCE)

### TECHNICAL DATA

Load capacity CE	3500 kg
Max. lifting height	450 mm
Lifting/lowering time,	
dependent on load	approx. 9 s / 9 s
Installation depth	260 mm
Width of support plates	683 mm
Length of support plates	1500 - 2000 mm
Drive power	2.2 kW
Operating pressure	170 bar
Total width (depending on pit), recommended	2250 mm
Power supply	3/N/PE 400 V 50 Hz

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## TECHNICAL DATA

gG fuse	16 A
Shear protection	audible alarm
Weight including packaging	1100 kg
Packaging dimensions (L x W x H)	2100 x 800 x 500 mm
Foundation pit	
packaging dimensions (L x W x H)	2360 x 1000 x 700 mm
Hydraulic oil volume	10 l

## ACCESSORIES

VZ 972375	In-Ground Tub MPL (2 pcs.)	VT 998112	Transportkosten Grubenradfreiheber MPL
VZ 970045	Ductile Plastic Blocks (4 pcs.) 95 x 132 x 340 mm	VT 998111	Transportkosten Fundamentwanne MPL
VZ 975069	Plastic Chocks (4 pcs.) (47 x 132 x 340 mm)	VM 996158	Montagekosten Grubenradfreiheber MPL
VZ 975074	Hard Rubber Blocks, Plug-in Type (4 pcs.) 120 x 100 x 50 mm	VM 999057	Installation Material MPL (Spaces and 8 Anchor bolts M 10 x 130)
VZ 970123	Extension of Hydraulic Hoses per Metre for MPL	VM 999005	Hydraulic Oil (HLPD 32) per Litre -NET PRICE
VZ 970127	Traverse (2 Pcs) Aluminium-powder-coated bearing load per traverse 1,5t	VM 999014	Hydraulic Oil, Biodegradable (HLP 32), per litre -NET

## SUPPLEMENTARY CHARGES